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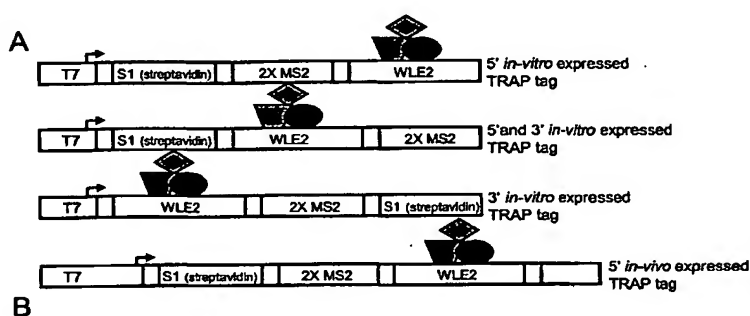
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| <p>(51) International Patent Classification⁷: C12Q 1/68</p> <p>(21) International Application Number: PCT/CA2003/001555</p> <p>(22) International Filing Date: 10 October 2003 (10.10.2003)</p> <p>(25) Filing Language: English</p> <p>(26) Publication Language: English</p> <p>(30) Priority Data: 2,407,825 11 October 2002 (11.10.2002) CA</p> <p>(71) Applicants and</p> <p>(72) Inventors: KRAUSE, Henry, M. [CA/CA]; 6462 Osprey Blvd., Mississauga, Ontario L5N 6E4 (CA). SIMMONDS, Andrew, J. [CA/CA]; Department of Cell Biology, University of Alberta, 5-9 Medical Sciences Building, Edmonton, Alberta T6G 2H7 (CA).</p> <p>(74) Agent: DEETH WILLIAMS WALL LLP; 150 York Street, Suite 400, Toronto, Ontario M5H 3S5 (CA).</p> | <p>(81) Designated States (<i>national</i>): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.</p> <p>(84) Designated States (<i>regional</i>): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published: — without international search report and to be republished upon receipt of that report</p> |
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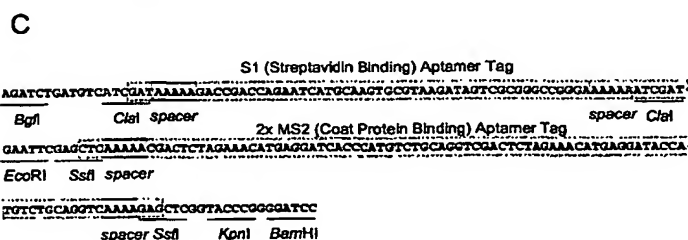
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- (54) Title:** TRAP-TAGGING: A NOVEL METHOD FOR THE IDENTIFICATION AND PURIFICATION OF RNA-PROTEIN COMPLEXES



(57) Abstract: Conventional methods for the isolation and identification of specific RNA-protein complexes are plagued by a number of problems not encountered in genomics or proteomics. Here we describe a two step affinity purification method used to isolate RNA-protein complexes. The TRAP (Tandem RNA Affinity Purification) tag is a dual RNA tagging system that facilitates gentle purification of RNA molecules along with the proteins, RNAs and other small molecules specifically associated with them.





For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.